

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	((("2921646") or ("2506298") or ("3064411"))).PN.	USPAT; USOCR	OR	OFF	2007/01/26 13:58
S3	1	S1 and fluid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:02
S4	144	55/416.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:11
S6	339	55/456.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:12
S7	548	55/457.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:12
S8	149	95/269.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 09:44
S9	87	96/188.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:19
S10	184	96/189.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:12
S11	91	96/190.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/26 14:12
S12	17	(US-6802881-\$ or US-6702877-\$ or US-6679930-\$ or US-6368387-\$ or US-4886523-\$ or US-3881900-\$ or US-3216182-\$ or US-7056368-\$ or US-7048783-\$ or US-4971603-\$ or US-4976748-\$ or US-6302932-\$ or US-7163626-\$ or US-1752215-\$).did. or (EP-344749-\$).did. or (JP-01315306-\$ or JP-06341777-\$).did.	USPAT; EPO; JPO	OR	ON	2007/01/30 07:27
S13	4	((("2,506,298") or ("2,806,551"))).PN.	USPAT; USOCR	OR	OFF	2007/01/30 07:30
S14	63	"0210910" "0203896" "1206007"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 07:30
S16	31	"2487633" "2201301" "2370629"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 11:11
S17	6	((("2487633") or ("2201301") or ("2370629"))).PN.	USPAT; USOCR	OR	OFF	2007/01/30 08:20
S18	5	((("3707830") or ("2569909") or ("3258895"))).PN.	USPAT; USOCR	OR	OFF	2007/01/30 08:32

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S21	9	(US-6702877-\$ or US-6368387-\$ or US-4886523-\$ or US-3881900-\$ or US-3216182-\$ or US-7048783-\$ or US-7163626-\$ or US-1752215-\$).did. or (JP-01315306-\$).did.	USPAT; JPO	OR	ON	2007/01/30 08:40
S22	6	((("0210910") or ("0203896") or ("1206007"))).PN.	USPAT; USOCR	OR	OFF	2007/01/30 08:45
S23	1	"PCT/NL02/00822"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 10:11
S24	15	"2506298"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 10:11
S25	11	(US-20040177755-\$).did. or (US-6702877-\$ or US-6368387-\$ or US-4886523-\$ or US-3881900-\$ or US-3216182-\$ or US-7048783-\$ or US-7163626-\$ or US-1752215-\$ or US-6524373-\$).did. or (JP-01315306-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/01/30 10:28
S26	239	55/447.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 11:13
S27	156	S26 not particle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:36
S28	2	("2806551").PN.	USPAT; USOCR	OR	OFF	2007/01/30 12:42
S30	16	("2806551").URPN.	USPAT	OR	ON	2007/01/30 12:51
S31	4	S30 and liquid	USPAT	OR	ON	2007/01/30 13:06
S33	5190159	EP "0210910".pran.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 13:07
S34	23	"0210910".pran.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/30 13:09
S36	6	((("2487633") or ("2201301") or ("2370629"))).PN.	USPAT; USOCR	OR	OFF	2007/01/30 13:30
S37	12	(US-20040177755-\$).did. or (US-6368387-\$ or US-6702877-\$ or US-4886523-\$ or US-3881900-\$ or US-3216182-\$ or US-7048783-\$ or US-6524373-\$ or US-7163626-\$ or US-1752215-\$ or US-2192214-\$).did. or (JP-01315306-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/01/31 07:51
S38	12	(US-20040177755-\$).did. or (US-1752215-\$ or US-2192214-\$ or US-3216182-\$ or US-3881900-\$ or US-4886523-\$ or US-6368387-\$ or US-6524373-\$ or US-6702877-\$ or US-7048783-\$ or US-7163626-\$).did. or (JP-01315306-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/02/01 12:07
S39	1	("1752215").URPN.	USPAT	OR	ON	2007/02/01 12:09
S40	4	("3771287").URPN.	USPAT	OR	ON	2007/02/01 12:09
S41	6	("1752215"   "2737857"   "2797767").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 12:10

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	742110	vapor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:23
S2	2953546	liquid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:23
S3	25723	perforated adj (plate or tray)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:23
S4	2682008	gas	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:24
S5	7133	(S1 or S4) and S2 and S3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:25
S6	5647	S5 not distillation	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:25
S7	4562	S6 not (heat near transfer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:25
S8	573	S7 and (fluid adj flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:26
S9	485	S8 not (fluid\$ adj bed)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:27
S10	485	S9 and (laminar or stratified flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:27
S11	1	S10 and turbulent	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:28
S12	10	S10 and (gas adj entrainment)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:29
S13	39	S10 and entrainment	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 13:29

## EAST Search History

S14	2	("6576029").URPN.	USPAT	OR	ON	2007/02/01 13:42
S15	23	("1836004"   "2808897"   "3014553"   "3296774"   "3498028"   "3581467"   "3605388"   "3662521"   "3788282"   "3930816"   "4128406"   "4486203"   "4838906"   "4880451"   "5145612"   "5683629"   "5714068").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 13:57
S16	1	("3,662,521").PN.	USPAT; USOCR	OR	OFF	2007/02/01 13:57
S17	28	("1836004"   "2784803"   "2808897"   "3014553"   "3288300"   "3296774"   "3498028"   "3581467"   "3605388"   "3662521"   "3930816"   "3988133"   "4128406"   "4486203"   "4838906"   "4880451"   "5145612"   "5683629"   "5714068"   "6576029").PN. OR ("7001448").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 14:26
S18	4	"352772".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/01 15:23
S19	1	("5486341").PN.	USPAT; USOCR	OR	OFF	2007/02/01 15:23